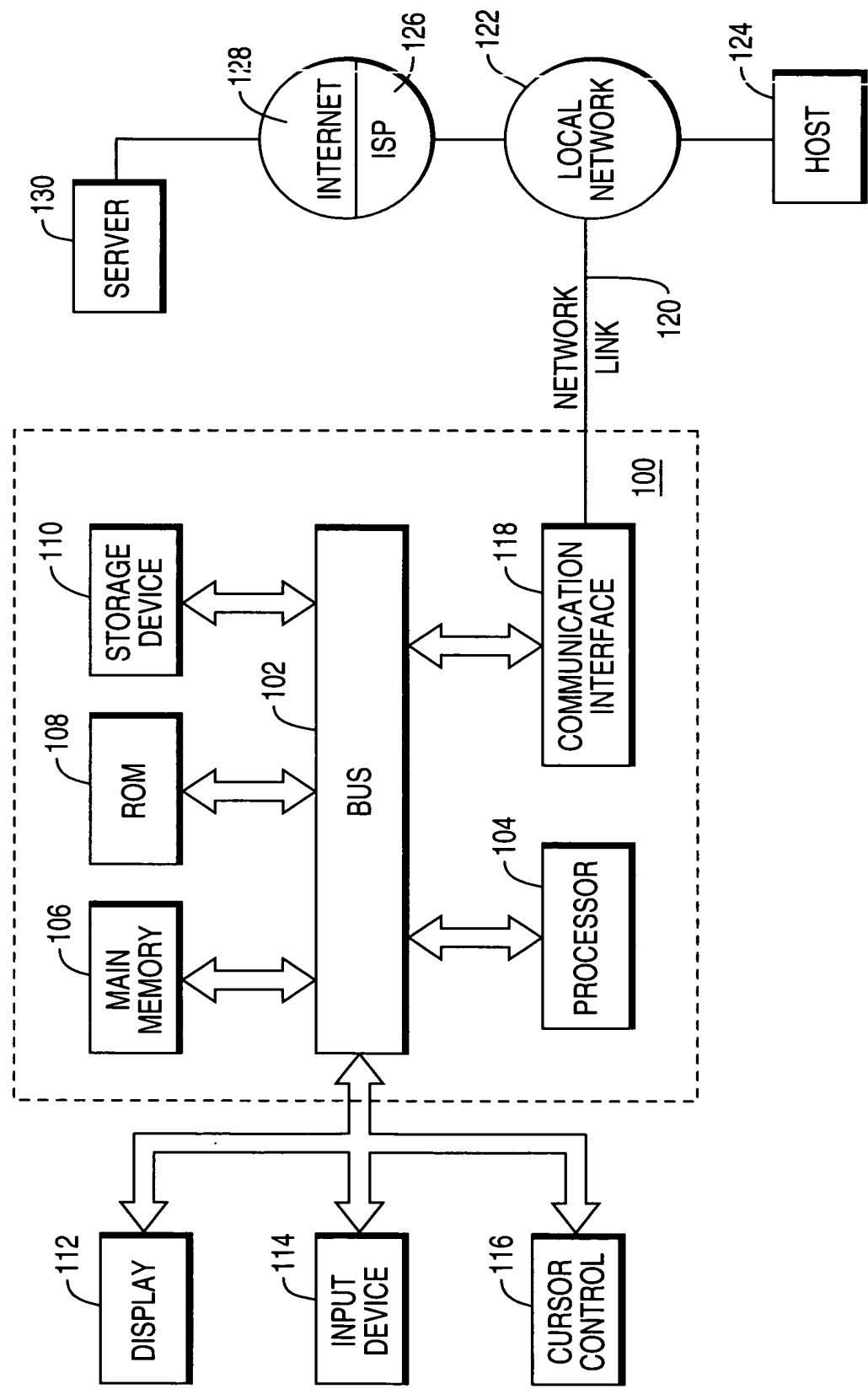
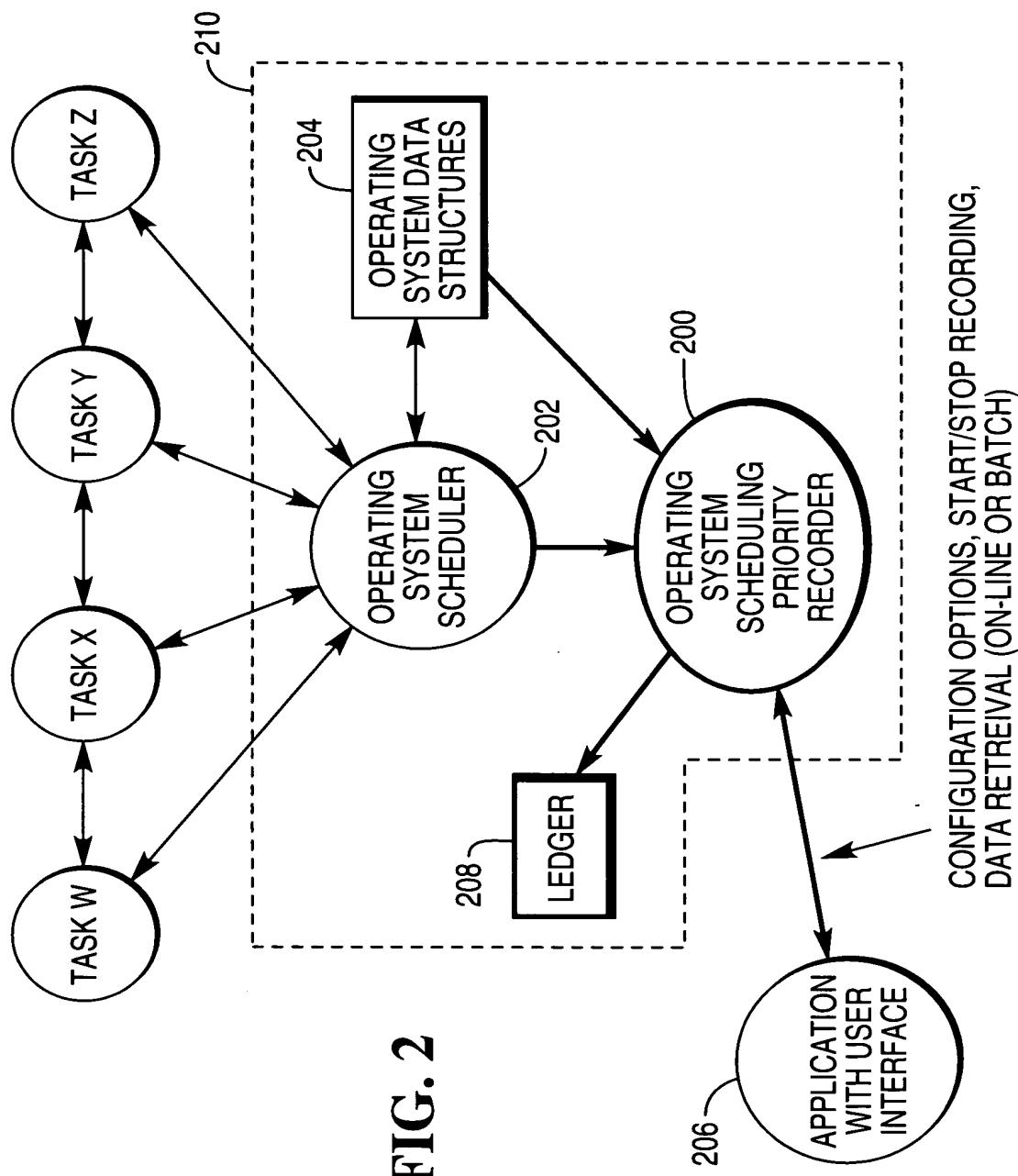


**FIG. 1**





**FIG. 2**

302 Event number 304 Elapsed time 306 Running Event/task 308 Tasks waiting count 310 waiting list

**FIG. 3**

1	0	task 1 priority = 10 run-time = 50	0	end	312
2	50	isr 2 run-time = 5			
3	55	task 1 priority = 10 run-time = 10	1	task 2 priority = 2	end
4	65	task 2 priority = 2 run-time = 100	0	end	
5	165	task 3 priority = 6 run-time = 30	1	task 2 priority = 2	end
6	195	isr 1 run-time = 5			
7	200	task 1 priority = 10 run-time = 60	2	task 3 priority = 6	task 2 priority = 2
8	260	task 3 priority = 6 run-time = 100	1	task 2 priority = 2	end
9	360	task 2 priority = 2 run-time = 70	0	end	
10	430	idle loop run-time = 8000	0	end	
11	8430	isr 2 run-time = 5			
12	8435	task 2 priority = 2 run-time = 100	0	end	
13	8535	task 3 priority = 6 run-time = 130	1	task 2 priority = 2	end
14	8665	task 2 priority = 2 run-time = 70	0	end	
15	8735	idle loop run-time = 8000	0	end	208

Elapsed Time	Program Schedule Count	Program preempts	Interrupts
8735	5	3	3

**FIG. 4**